KT&C INNOVATIVE
HIGH DEFINITION SURVEILLANCE

Resolution 960

KPC-DNE100

Resolution 960 Series 750+ HTVL IR Varifocal 3-Axis Dual Voltage Dome Camera

Ordering Information

NTSC Models		
KPC-DNE100NUV18B	2.8~12mm	VF Black
KPC-DNE100NUV18W	2.8~12mm	VF White
KPC-DNE100NUV8B	9~22mm	VF Black
KPC-DNE100NUV8W	9~22mm	VF White

PAL Models		
KPC-DNE100PUV18B	2.8~12mm	VF Black
KPC-DNE100PUV18W	2.8~12mm	VF White
KPC-DNE100PUV8B	9~22mm	VF Black
KPC-DNE100PUV8W	9~22mm	VF White

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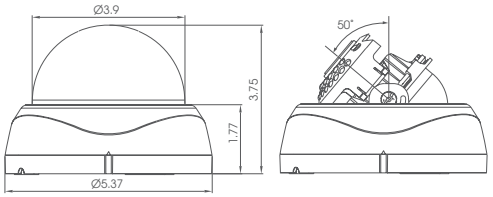
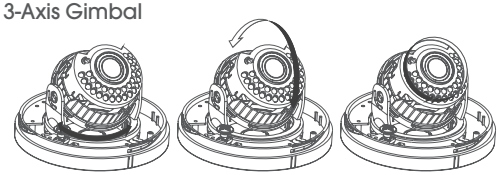
750 TVL | 100' IR RANGE | TRUE DAY&NIGHT | Low Light Performance | Digital WDR/ATR | 3 AXIS

Anti-CR | BLC HLC | OSD | SERVICE VIDEO | DC12 DUAL POWER AC24V

General Feature Diagram (Unit: inch)



3-Axis Gimbal

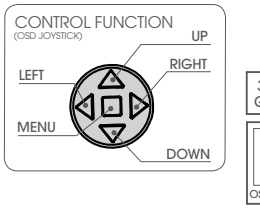


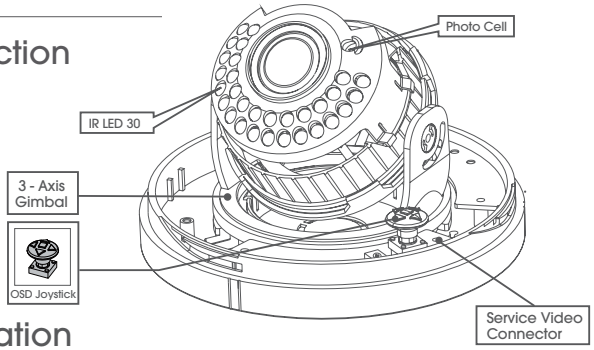
Key Features

- Superlative resolution of over 750 horizontal TV lines for amazing image quality
- EXview HAD 960H CCD II for sensor high IR sensitivity
- True Day/Night zero light operating range of 100 feet or more from 30 IR LEDs (depending on scene reflectivity)
- Simple and easy to use OSD setup menu
  - Adaptive Tone Curve Reproduction (ATR)
  - Electronic Wide Dynamic Range to properly expose images during unbalanced light contrast in the scene
  - Anti Color Roll white balance option resists fluorescent light interference
  - Optional Back Light Compensation (BLC) and Highlight Compensation (HLC)
  - Adjustable 2D-Noise Reduction to increase picture clarity and improve utilization of DVR disk storage
  - Privacy image masking for 4 configurable zones
- Choose between megapixel 2.8~12 mm or 9~22 mm Varifocal DC iris lens to capture the desired field of view
- Dual voltage (12V DC / 24V AC) with Anti Color Roll
- Service Video output for convenient installation, and ease of service
- 3-Axis gimbal for convenient wall or ceiling mounting
- Choose between black and white color housing to blend or contrast with the décor

FC CE

Overview and Function





Technical Specification

Model	DNE100NUV	DNE100PUV
Imaging Device	1/3" Sony EXview HAD 960H High Sensitivity Interline CCD II	
Video Format	NTSC	PAL
Picture Elements	1020 (H) x 508 (V)	1020 (H) x 596 (V)
Effective Picture Elements	976 (H) x 494 (V)	976 (H) x 582 (V)
Horizontal Resolution	More than 750 TVL	
Sensitivity	0 lux OR on; 0.0001 lux native from sensor, With lens .05 lux color, .02 lux B/W	
IR LEDs	30 LEDs with output at 850 nm	
IR Range	To 100 feet (depending on scene IR reflectivity)	
IR Switch Points	On at ~1 lux; Off at ~3 lux	
S/N Ratio	Over 50dB (AGC off)	
Video Output	BNC 1.0V p-p 75 Ω; video test point inside dome, cable supplied	
Gamma Correction	0.45	
Lens Type	Varifocal DC Iris 2.8~12 mm (NUV18) or 9~22 mm (NUV8)	
Lens Positioning	3-axis flexible positioning for wall or ceiling mounting	
Back Light Compensation	OFF/BLC/HSBLC Selectable	
Auto Gain Control	Low light auto, Bright light auto, Manual selectable	
Electronic Shutter	1/60 ~1/100,000 sec.	
White Balance	ATW/One Push/User1/User2/Anti-Crawl/Manul/Push Lock	
Sync. Mode	Internal (plus Anti-Chroma Crawl White Balance option above)	
Day & Night	True D/N (motorized IRC filter); Choose Color, B/W, Auto	
OSD Menu	Multiple functions	
OSD Languages	English, Spanish, Portuguese, German, Russian, Japanese, Chinese, French	
2D-DNR	On/Off (level adjustable)	
Adaptive Tone Curve Reproduction/ Electronic WDR (ATR)	On/Off (3 levels each adjustable for luminance and contrast)	
Mirror	Off/On	
Motion Detection	Off/On for 4 selectable zones (On screen indication on alarm)	
Privacy Mask	Off/On for 4 selectable zones	
Power Source	12V DC / 24V AC	
Power Consumption	12V DC: max. 450mA / 24V AC: max. 5.5W	
Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50 °C)	
Storage Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)	
Environmental	Indoor; up to 80%RH (non-condensing)	
Mechanical	Three axis, twist-open dome; choice of black body (no suffix) and white body (W suffix)	
Dimensions	5.37" (100 mm) diameter, 3.75" (95.3 mm) high	
Weight	0.7 lbs (318 g)	
Certifications	CE / FCC RoHS	